

DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



January 12, 2001

02-Sha-5-10.3/12.0
02-260124
ACNHI-005-8(315)668N

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SHASTA COUNTY NEAR ANDERSON FROM 0.1 km SOUTH OF RIVERSIDE AVENUE OVERCROSSING TO 0.8 km NORTH OF SACRAMENTO RIVER BRIDGE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on January 23, 2001.

This addendum is being issued to revise the Notice to Contractors and Special Provisions, the Proposal and Contract and the Federal Minimum Wages with Modification Number 18 dated 12-22-00. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

Project Plan Sheet 83 is revised. A half-sized copy of the revised sheet is attached for substitution for the like-numbered sheet.

On Project Plan Sheet 84, the upper section is revised as follows:

"The note, "Exist Rock Rip Rap portion to be relocated (Left Structure)" is revised to, "Exist Rock Rip Rap to be removed and relocated (Left Structure)."

The note, "Exist Pier footings to remain except Pier 4." is revised to, "Remove footings, seal courses and portions of steel piles."

On Project Plan Sheet 85, the following revisions are made:

"In the left section, the note, "Exist Rock Rip Rap portion to be relocated" is revised to, "Exist Rock Rip Rap to be removed and relocated."

In the upper right section, the note, "Exist Pier footings to remain, except Pier 4." is revised to, "Remove footings, seal courses and portions of steel piles."

On Project Plan Sheet 86, the upper left section is revised as follows:

"The note, "Exist Rock Rip Rap" is revised to, "Removed Rock Rip Rap."

The note, "Exist Pier footings to remain except Pier 4." is revised to, "Remove footings, seal courses and portions of steel piles."

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On Project Plan Sheet 87, in the "General Notes Load Factor Design" table; the "Reinforced Concrete" item is revised as follows: "fy = 414 MPa" is revised to "fy = 420 MPa."

On Project Plan Sheet 89, the following note is added:

"An additional pile shall be placed near Bridge Location 8 as directed by the Engineer."

On Project Plan Sheet 100, Note No. 8 on the lower left side of the sheet is revised as follows:

"Post-tension Path 3 after the closure pours have reached specified compressive strength."

On Project Plan Sheet 105, Notes No. 3 and 12 are revised as follows:

"3. After the pier drop cap concrete reaches specified compressive strength, erect the precast girder segments per the approved Girder Segment Lifting Plan."

"12. After the deck concrete reaches specified compressive strength, longitudinally post-tension the girders for Path 2."

On Project Plan Sheet 108, Elevations and Sections are revised as follows:

"In the upper left and upper right elevation, the note, "4-#29 Weld connect or hook see Section S-S" is revised to, "4-#29 Weld connect or hook see Section S-S."

In "Section Q-Q," the note, "#29 tot 4 Butt Weld or hook" is revised to, "#29 tot 4 Hook."

In "Section S-S," the note, "#29 tot 4 Butt Weld or hook as shown" is revised to, "#29 tot 4 Hook as shown"

On Project Plan Sheet 113, in the "Elevation - Temporary Support Locations" section; in the note to the left of the section title, see "Temporary Support Detail" is deleted.

Project Plans Sheet 116 is revised as follows:

"In the "Typical Section," on the lower right side, the note, **"For existing Pier 4, remove wall, footing and seal course" is revised to, "For existing Pier 4, remove wall, footing and seal course, and portions of steel piles."**

In the "Abutment Sections," the note, "Portion of Piles to remain below new footing elevation" is revised to, "Portions of Piles to be removed."

In the "Plan" view, the following revisions are made:

"The dashed line ovals are deleted.

In the upper middle part of the plan view, "363" in the rectangular box is revised to "362."

In the notes below the plan view on the lower right side, the note, **"Denotes approximate total tonnes of existing 2T Rock Rip Rap at each existing Pier" is revised to, "Denotes approximate total tonnes of existing 2T Rock Rip Rap to be removed and relocated."**

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In the Special Provisions, Section 3, "AWARD AND EXECUTION OF CONTRACT," the following is added as the third paragraph:

"The contract shall be signed by the successful bidder and shall be received with contract bonds by the Division of Office Engineer within 4 days, not including Saturdays, Sundays and legal holidays, after the bidder has received notice that the contract has been awarded. Failure to do so shall be just cause for forfeiture of the proposal guaranty. The executed contract documents shall be delivered to the following address: Department of Transportation, P.O. Box 942874, Sacramento, CA 94274-0001, Attn: Office Engineer (MS 43) - Contracts."

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," the following revisions are made:

- "a. In the second paragraph, "15" is revised to "5."
- b. In the third paragraph, "fifteenth" is revised to "fifth."

In the Special Provisions, Section 5-1.017, "CONTRACT BONDS," is revised as follows:

"Attention is directed to Section 3-1.02, "Contract Bonds," of the Standard Specifications and these special provisions.

The payment bond shall be in a sum not less than one hundred percent of the total amount payable by the terms of the contract."

In the Special Provisions, in the second paragraph of Section 10-1.02, "PREVENTION OF SWALLOW NESTING," "1st" is revised to "15th."

In the Special Provisions, Section 10-1.04, "WATER POLLUTION CONTROL," is revised as attached.

In the Special Provisions, Section 10-1.24, "EXISTING HIGHWAY FACILITIES," Subsection, "REMOVE AND RELOCATE ROCK RIP RAP," is revised as attached.

In the Special Provisions, Section 10-1.24, "EXISTING HIGHWAY FACILITIES," the sixth paragraph of Subsection, "BRIDGE REMOVAL," is revised as follows:

"All reinforced concrete debris and steel pile debris from the pier removal and pier footing removal shall be contained and removed in a manner acceptable to the Engineer."

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In the Special Provisions, Section 10-1.28, "SPAWNING GRAVEL," the third paragraph is revised and replaced by the following two paragraphs:

"A gravel access pad has been cleared as a construction alternative for this project. The gravel access pad shall not extend to more than half the width of the river; shall only be constructed from a southern corner of the bridge site; shall not obstruct the river flow or the boat opening and; shall allow for adequate fish passage. The gravel pad shall be limited to the width necessary to provide reasonable access as deemed by the Engineer. If used, the gravel access pad shall be held in place with washed cobble filled gabions or short sheet piles. All gabions and sheet piles shall be removed and all gravel shall be dispersed no later than October 15th. The gravel shall be dispersed by natural or artificial means and shall not increase the backwater. If there is an increase in backwater, the backwater shall be brought back to the original level by either dispersing the gravel further or removal of some gravel. The method of removal or dispersion will be selected by the Engineer. The corrective work shall be at the Contractor's expense. Gravel conforming to the above requirements may be left in the river at the end of the contract and will be applied towards the amount of spawning gravel required. Gravel placed in excess of 58 cubic meters will not be measured or paid for.

Boat warning signs may be required due to changes in the river bed caused by the Contractor's operations. If required by the Engineer, the Contractor shall furnish and install boat warning signs to be left at the end of the contract. Full compensation for furnishing and installing boat warning signs shall be considered as included in the contract price paid per cubic meter for spawning gravel and no separate payment will be made therefor."

In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," in the third paragraph of Subsection, "GENERAL," the first two sentences are revised as follows:

"The mineral admixture metakaolin shall be used in structural concrete when concrete compressive strength of greater than 35 MPa is shown on the plans. At the option of the Contractor, metakaolin will be allowed for use in structural concrete when concrete compressive strength of 35 MPa or less is shown on the plans. Metakaolin shall conform to the requirements for mineral admixtures in Section 90-2.04, "Admixture Materials," of the Standard Specifications; to the requirements in ASTM Designation: C618, Class N; and to the following chemical and physical requirements:"

In the Special Provisions, Section 10-1.41, "PRECAST CONCRETE GIRDERS," is revised as follows:

"The first paragraph of Subsection, "TEMPORARY GIRDER SEGMENT SUPPORTS AND TEMPORARY LATERAL BRACING" is revised as follows:

"Temporary girder segment supports, temporary lateral bracing, and protective covers as required, shall be designed, constructed, and removed in conformance with the provisions in Section 51-1.06, "Falsework," of the Standard Specifications and these special provisions."

The third paragraph of Subsection, "PRECAST PRESTRESSED SPLICED CONCRETE BRIDGE MEMBERS," is revised as follows (Subparagraphs to the third paragraph remain unchanged):

"The anticipated deflection and method of accommodation of deflection of precast prestressed spliced concrete girders, prior to the time the deck concrete is placed, shall be shown on the working drawings in conformance with the provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. Revisions in girder blockout elevations shall be shown on the working drawings. The deflection for the various stages of work shall include the following:"

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In the Proposal and Contract, on Page 2, the next to last paragraph is revised as follows:

"If this proposal shall be accepted and the undersigned shall fail to enter into the contract and furnish the 2 bonds in the sums required by the State Contract Act, with surety satisfactory to the Department of Transportation, within 4 days, not including Saturdays, Sundays and legal holidays, after the bidder has received notice from the Department that the contract has been awarded, the Department of Transportation may, at its option, determine that the bidder has abandoned the contract, and thereupon this proposal and the acceptance thereof shall be null and void and the forfeiture of the security accompanying this proposal shall operate and the same shall be the property of the State of California."

In the Proposal and Contract, the Engineer's Estimate Items 16 and 57 are revised as attached.

To Proposal and Contract book holders:

Replace pages 3 and 5 of the Engineer's Estimate in the Proposal with the attached revised pages 3 and 5 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Division of Office Engineer

Attachments

10-1.04 WATER POLLUTION CONTROL

Water pollution control work shall conform to the provisions in Section 7-1.01G, "Water Pollution," of the Standard Specifications and these special provisions.

This project shall conform to the requirements of General Construction Activity Storm Water Permit No. CAS000002 issued by the State Water Resources Control Board. This General Permit, hereafter referred to as the "Permit," regulates storm water discharges associated with construction activities.

Water pollution control work shall conform to the requirements in the "Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual" and the "Construction Site Best Management Practices (BMPs) Manual", and addenda thereto issued up to, and including, the date of advertisement of the project, hereafter referred to respectively as the "Preparation Manual" and the "Construction Site BMP Manual" and collectively as the "Manuals." Copies of the manuals and the Permits may be obtained from the Department of Transportation, Material Operations Branch, Publication Distribution Unit, 1900 Royal Oaks Drive, Sacramento, California 95815, Telephone: (916) 445-3520.

Copies of the Manuals and the Permit are also available for review at the Northern Region Construction Office at 379-A Colusa Highway, Yuba City, California 95991.

The Contractor shall know and fully comply with the applicable provisions of the Manuals, Permit, and Federal, State, and local regulations that govern the Contractor's operations and storm water discharges from both the project site and areas of disturbance outside the project limits during construction. The Contractor shall maintain a copy of the Permit at the project site and shall make the Permit available during construction.

Unless arrangements for disturbance of areas outside the project limits are made by the Department and made part of the contract, it is expressly agreed that the Department assumes no responsibility whatsoever to the Contractor or property owner with respect to any arrangements made between the Contractor and property owner to allow disturbance of areas outside the project limits.

The Contractor shall be responsible for the costs and for liabilities imposed by law as a result of the Contractor's failure to comply with the provisions set forth in this section "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the Manuals, Permit and Federal, State and local regulations. For the purposes of this paragraph, costs and liabilities include, but are not limited to, fines, penalties, and damages whether assessed against the State or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

In addition to the remedies authorized by law, some of the money due the Contractor under the contract, as determined by the Department, may be retained by the State of California until disposition has been made of the costs and liabilities.

The retention of money due the Contractor shall be subject to the following:

- A. The Department will give the Contractor 30 days notice of the Department's intention to retain funds from partial payments which may become due to the Contractor prior to acceptance of the contract. Retention of funds from payments made after acceptance of the contract may be made without prior notice to the Contractor.
- B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.06, "Partial Payments," of the Standard Specifications.
- C. If the Department has retained funds and it is subsequently determined that the State is not subject to the costs and liabilities in connection with the matter for which the retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of the retention.

Conformance with the provisions of this section "Water Pollution Control" shall not relieve the Contractor from the Contractor's responsibilities, as provided in Section 7, "Legal Relations and Responsibilities," of the Standard Specifications.

At reasonable times and upon presentation of credentials and other documents as may be required by law, the Contractor shall allow authorized agents of the California Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency and the local storm water management agency to:

- A. Enter upon the construction site and the Contractor's facilities pertinent to the work;
- B. Have access to and copy records that must be kept as specified in the Permit;
- C. Inspect the construction site and related soil stabilization practices and sediment control measures; and
- D. Sample or monitor for the purpose of ensuring compliance with the Permit.

The Contractor shall notify the Engineer immediately upon request from the regulatory agencies to enter, inspect, sample, monitor or otherwise access the project site or the Contractor's records.

STORM WATER POLLUTION PREVENTION PLAN PREPARATION, APPROVAL AND UPDATES

As part of the water pollution control work, a Storm Water Pollution Prevention Plan, hereafter referred to as the "SWPPP," is required for this contract. The SWPPP shall conform to the provisions in Section 7-1.01G, "Water Pollution," of the Standard Specifications, the requirements in the Manuals, the requirements of the Permit, and these special provisions. Upon the Engineer's approval of the SWPPP, the SWPPP shall be deemed to fulfill the provisions in Section 7-1.01G of the Standard Specifications for development and submittal of a Water Pollution Control Program.

No work having potential to cause water pollution, as determined by the Engineer, shall be performed until the SWPPP has been approved by the Engineer.

Within 30 days after the approval of the contract, the Contractor shall submit 3 copies of the SWPPP to the Engineer. The Engineer will have 15 days to review the SWPPP. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the SWPPP within 15 days of receipt of the Engineer's comments. The Engineer will have 15 days to review the revisions. Upon the Engineer's approval of the SWPPP, 3 additional copies of the SWPPP, incorporating the required changes, shall be submitted to the Engineer. In order to allow construction activities to proceed, the Engineer may conditionally approve the SWPPP while minor revisions are being completed.

The SWPPP shall identify pollution sources that may adversely affect the quality of storm water discharges associated with the project and shall identify water pollution control measures, hereafter referred to as control measures, to be constructed, implemented, and maintained in order to reduce to the extent feasible pollutants in storm water discharges from the construction site both during and after construction is completed under this contract.

The SWPPP shall incorporate control measures in the following categories:

- A. Soil stabilization practices;
- B. Sediment control practices;
- C. Sediment tracking control practices;
- D. Wind erosion control practices; and
- E. Non-storm water management and waste management and disposal control practices.

Specific objectives and minimum requirements for each category of control measures are contained in the Manuals.

The Contractor shall consider the objectives and minimum requirements presented in the Manuals for each of the above categories. When minimum requirements are listed for any category, the Contractor shall incorporate into the SWPPP and implement on the project, one or more of the listed minimum controls required in order to meet the pollution control objectives for the category. In addition, the Contractor shall consider other control measures presented in the Manuals and shall incorporate into the SWPPP and implement on the project the control measures necessary to meet the objectives of the SWPPP. The Contractor shall document the selection process in conformance with the procedure specified in the Manuals.

The SWPPP shall include, but not be limited to, the following items as described in the Manuals and Permit:

- A. Source Identification;
- B. Erosion and Sediment Controls;
- C. Non-Storm Water Management;
- D. Waste Management and Disposal;
- E. Maintenance, Inspection and Repair;
- F. Training;
- G. List of Contractors and Subcontractors;
- H. Post-Construction Storm Water Management;
- I. Preparer;
- J. A copy of the Notice of Construction submitted by the Department for this project;
- K. Copy of the General Permit;
- L. BMP Consideration Checklist;
- M. SWPPP Checklist;
- N. Schedule of Values; and
- O. Water Pollution Control Drawings.

The Contractor shall amend the SWPPP, graphically and in narrative form, whenever there is a change in construction activities or operations which may affect the discharge of significant quantities of pollutants to surface waters, ground waters, municipal storm drain systems or when deemed necessary by the Engineer. The SWPPP shall be amended if the SWPPP is in violation of any condition of the Permit, or has not effectively achieved the objective of reducing pollutants in storm water discharges. Amendments shall show additional control measures or revised operations, including those in areas not shown in the initially approved SWPPP, which are required on the project to control water pollution effectively. Amendments to the SWPPP shall be submitted for review and approval by the Engineer in the same manner specified for the initially approved SWPPP. Approved amendments shall be dated and logged in the SWPPP. Upon approval of the amendment, the Contractor shall implement the additional control measures or revised operations.

The Contractor shall keep a copy of the SWPPP and approved amendments at the project site. The SWPPP shall be made available upon request of a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency or the local storm water management agency. Requests by the public shall be directed to the Engineer.

By June 15 of each year, the Contractor shall submit an annual certification to the Engineer stating conformance with the requirements governing the Permit. If the project is in non-compliance at any time, the Contractor shall make a written report to the Engineer within 15 days of identification of non-compliance.

SCHEDULE OF VALUES

The Contractor shall submit with the SWPPP, for approval by the Engineer, a schedule of values detailing the cost breakdown of the contract lump sum item for water pollution control. The schedule of values shall reflect the items of work, quantities, and costs for the control measures shown in the SWPPP, except for critical temporary controls and permanent control measures which are shown on the project plans and for which there is a contract item of work. Adjustments in the items of work and quantities listed in the schedule of values shall be made when required to address approved amendments to the SWPPP.

The sum of the amounts for the units of work listed in the schedule of values shall be equal to the contract lump sum price for water pollution control.

If approved in writing by the Engineer, the schedule of values will be used to determine progress payments for water pollution control during the progress of the work. The schedule of values will be used as the basis for calculating any adjustment in compensation for the contract item for water pollution control due to changes in the work ordered by the Engineer.

SWPPP IMPLEMENTATION

Upon approval of the SWPPP, the Contractor shall be responsible throughout the duration of the project for installing, constructing, inspecting, and maintaining the control measures included in the SWPPP and any amendments thereto and for removing and disposing of temporary control measures. Unless otherwise directed by the Engineer or specified in these special provisions, the Contractor's responsibility for SWPPP implementation shall continue throughout any temporary suspension of work ordered in conformance with the provisions in Section 8-1.05, "Temporary Suspension of Work," of the Standard Specifications. Requirements for installation, construction, inspection, maintenance, removal, and disposal of control measures are specified in the Manuals and these special provisions.

Soil stabilization practices and sediment control measures, including minimum requirements, shall be provided throughout the winter season, defined as between October 15th and April 15th.

Implementation of soil stabilization practices and sediment control measures for soil-disturbed areas on the project site shall be completed, except as provided for below, not later than 20 days prior to the beginning of the winter season or upon start of applicable construction activities for projects which begin either during or within 20 days of the winter season.

Throughout the winter season, the active, soil-disturbed area of the project site shall be not more than 2 hectares. The Engineer may approve, on a case-by-case basis, expansions of the active, soil-disturbed area limit. The Contractor shall demonstrate the ability and preparedness to fully deploy soil stabilization practices and sediment control measures to protect soil-disturbed areas on the project site before the onset of precipitation. A quantity of soil stabilization and sediment control materials shall be maintained on site equal to 100 percent of that sufficient to protect unprotected, soil-disturbed areas on the project site. A detailed plan for the mobilization of sufficient labor and equipment shall be maintained to fully deploy control measures required to protect unprotected, soil-disturbed areas on the project site prior to the onset of precipitation. A current inventory of control measure materials and the detailed mobilization plan shall be included as part of the SWPPP.

Throughout the winter season, soil-disturbed areas of the project site shall be considered to be nonactive whenever soil disturbing activities are expected to be discontinued for a period of 20 or more days and the areas are fully protected. Areas that will become nonactive either during the winter season or within 20 days thereof shall be fully protected with soil stabilization practices and sediment control measures within 10 days of the discontinuance of soil disturbing activities or prior to the onset of precipitation, whichever is first to occur.

Throughout the winter season, active soil-disturbed areas of the project site shall be fully protected at the end of each day with soil stabilization practices and sediment control measures unless fair weather is predicted through the following work day. The weather forecast shall be monitored by the Contractor on a daily basis. The National Weather Service forecast shall be used. An alternative weather forecast proposed by the Contractor may be used if approved by the Engineer. If precipitation is predicted prior to the end of the following work day, construction scheduling shall be modified, as required, and functioning control measures shall be deployed prior to the onset of the precipitation.

The Contractor shall implement, year-round and throughout the duration of the project, control measures included in the SWPPP for sediment tracking, wind erosion, non-storm water management and waste management and disposal.

The Engineer may order the suspension of construction operations which create water pollution if the Contractor fails to conform to the provisions of this section "Water Pollution Control" as determined by the Engineer.

MAINTENANCE

To ensure the proper implementation and functioning of control measures, the Contractor shall regularly inspect and maintain the construction site for the control measures identified in the SWPPP. The Contractor shall identify corrective actions and time needed to address any deficient measures or reinitiate any measures that have been discontinued.

The construction site inspection checklist provided in the Preparation Manual shall be used to ensure that the necessary measures are being properly implemented, and to ensure that the control measures are functioning adequately. One copy of each site inspection record shall be submitted to the Engineer.

During the winter season, inspections of the construction site shall be conducted by the Contractor to identify deficient measures, as follows:

- A. Prior to a forecast storm;
- B. After any precipitation which causes runoff capable of carrying sediment from the construction site;
- C. At 24 hour intervals during extended precipitation events; and
- D. Routinely, at a minimum of once every 2 weeks.

If the Contractor or the Engineer identifies a deficiency in the deployment or functioning of an identified control measure, the deficiency shall be corrected immediately. The deficiency may be corrected at a later date and time if requested by the Contractor and approved by the Engineer in writing, but not later than the onset of subsequent precipitation. The correction of deficiencies shall be at no additional cost to the State.

PAYMENT

The contract lump sum price paid for prepare storm water pollution prevention plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work involved in developing, preparing, obtaining approval of, revising, and amending the SWPPP, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Attention is directed to Section 9-1.06, "Partial Payments," and Section 9-1.07, "Payment After Acceptance," of the Standard Specifications. Payments for prepare storm water pollution prevention plan will be made as follows:

- A. After the SWPPP has been approved by the Engineer, 75 percent of the contract item price for prepare storm water pollution prevention plan will be included in the monthly partial payment estimate; and
- B. After acceptance of the contract pursuant to Section 7-1.17, "Acceptance of Contract," payment for the remaining 25 percent of the contract item price for prepare storm water pollution prevention plan will be made in conformance with the provisions in Section 9-1.07.

The contract lump sum price paid for water pollution control shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing, constructing, maintaining, removing, and disposing of control measures, except those shown on the plans and for which there is a contract item of work, and excluding developing, preparing, obtaining approval of, revising, and amending the SWPPP, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Changes in control measures required by an approved amendment to the SWPPP, except changes to those control measures shown on the plans and for which there is a contract item of work, will be considered extra work as provided in Section 4-1.03D of the Standard Specifications and the following:

- A. If the control measure is listed in the approved SWPPP schedule of values, an adjustment in compensation for the contract item for water pollution control will be made by applying the increase or decrease in quantities to the approved schedule of values. No adjustment of compensation will be made to the unit price listed for items in the schedule of values due to any increase or decrease in the quantities, regardless of the reason for the increase or decrease. The provisions in Section 4-1.03B, "Increased or Decreased Quantities," of the Standard Specifications shall not apply to items listed in the schedule of values.
- B. If the control measure is not listed in the approved SWPPP schedule of values, payment will be made by force account.

Those control measures which are shown on the plans and for which there is a contract item of work will be measured and paid for as that contract item of work.

The Engineer will retain an amount equal to 25 percent of the estimated value of the contract work performed during estimate periods in which the Contractor fails to conform to the provisions of this section "Water Pollution Control" as determined by the Engineer.

Retentions for failure to conform to the provisions in this section "Water Pollution Control" shall be in addition to the other retentions provided for in the contract. The amounts retained for failure of the Contractor to conform to the provisions in this section will be released for payment on the next monthly estimate for partial payment following the date that an approved SWPPP has been implemented and maintained, and water pollution is adequately controlled, as determined by the Engineer.

REMOVE AND RELOCATE ROCK RIP RAP

Remove and relocate rock rip rap shall consist of the removal, and temporary storage of the 2T rock rip rap located around and in the vicinity of the existing piers of the existing left bridge, in conformance with the details shown on the plans, the provisions in Section 15, "Existing Highway Facilities," of the Standard Specifications and these special provisions. Permanent relocation of the 2T rock rip rap will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

In 1988 under Caltrans Contract 02-250104, 1316-tonnes (1518 cubic meters) of 2T rock rip rap was placed around all the piers of the existing left bridge for scour protection. Over time some of the 2T rock rip rap has shifted.

The Contractor may temporarily use the 2T rock rip rap interfering with new bridge construction until the rock rip rap is permanently relocated, provided that the structural integrity of the existing bridge is not compromised. If the Contractor chooses to temporarily use the 2T rock rip rap interfering with new bridge construction, then intermediary removal and handling of the 2T rock rip rap prior to permanent relocation, is at their own expense.

The contract price paid per cubic meter for remove and relocate rock rip rap shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in removing and temporarily relocating the 2T rock rip rap, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

ENGINEER'S ESTIMATE
02-260124

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WDAY	850		
3 (S)	071322	TEMPORARY FENCE (TYPE CL-1.8)	M	130		
4	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
5	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
6 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
7 (S)	020173	CONSTRUCTION AREA SIGNS (BOAT SIGNS)	LS	LUMP SUM	LUMP SUM	
8 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
9 (S)	120120	TYPE III BARRICADE	EA	6		
10 (S)	120165	CHANNELIZER (SURFACE MOUNTED)	EA	200		
11 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
12 (S)	020174	PORTABLE RADAR TRAILER	EA	2		
13 (S)	128660	TEMPORARY FLASHING BEACON	LS	LUMP SUM	LUMP SUM	
14 (S)	129000	TEMPORARY RAILING (TYPE K)	M	6430		
15 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	140		
16	048396	REMOVE AND RELOCATE ROCK RIP RAP	TONN	1316		
17	150174	REMOVE THERMOPLASTIC TRAFFIC STRIPE	M	3050		
18	150206	ABANDON CULVERT	EA	1		
19	150606	REMOVE FENCE (TYPE BW)	M	88		
20	150608	REMOVE CHAIN LINK FENCE	M	66		

ENGINEER'S ESTIMATE
02-260124

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
42 (S)	203003	STRAW (EROSION CONTROL)	TONN	5		
43 (S)	203014	FIBER (EROSION CONTROL)	KG	860		
44 (S)	020177	COMPOST (EROSION CONTROL)	KG	5470		
45 (S)	203045	PURE LIVE SEED (EROSION CONTROL)	KG	29		
46 (S)	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	KG	2150		
47 (S)	203061	STABILIZING EMULSION (EROSION CONTROL)	KG	210		
48 (S)	020180	WILLOW BUNDLES	EA	110		
49 (F)	208038	NPS 3 SUPPLY LINE (BRIDGE)	M	215		
50	260201	CLASS 2 AGGREGATE BASE	M3	6520		
51	390155	ASPHALT CONCRETE (TYPE A)	TONN	14 800		
52	390165	ASPHALT CONCRETE (OPEN GRADED)	TONN	1470		
53	394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	M	98		
54	394048	PLACE ASPHALT CONCRETE DIKE (TYPE E)	M	1460		
55	394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	M	31		
56	020178	RUMBLE STRIP (GROUND IN)	STA	37		
57	490570	FURNISH STEEL PILING (HP 360 X 174)	M	8 466		
58 (S)	490571	DRIVE STEEL PILE (HP 360 X 174)	EA	492		
59	510000	SEAL COURSE CONCRETE	M3	1300		
60 (S)	048401	PRESTRESSING (TRANSVERSE)	LS	LUMP SUM	LUMP SUM	